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CURRENT INDUSTRIAL REPORTS

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Manufacturers' Shipments, Inventories, and Orders

U.S. Department of Commerce
BUREAU OF THE CENSUS

December 1987
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(All figures in text are in seasonally adjusted current dollars)

Summary

New orders for manufactured goods in December increased $5.1 billion or 2.5 percent from November to $214.8 billion. New orders for durable goods were up $5.5 billion or 4.9 percent to $116.4 billion, revised down from the earlier reported 6.7 percent increase. Data for December generally have greater revisions than other months because of late reporting and revisions to early estimates by companies due to year-end book closings. New orders for nondurable goods declined $0.3 billion or 0.3 percent to $98.4 billion.

Shipments of manufactured goods in December increased $4.5 billion or 2.2 percent to $211.7 billion. Virtually all of the increase was in the durable goods sector, up $4.9 billion or 4.5 percent to $113.3 billion. Nondurable goods shipments were down $0.4 billion or 0.4 percent to $98.4 billion.

Unfilled orders for manufactured goods at the end of December were up $3.1 billion or 0.8 percent to $404.1 billion. Most of the orders backlog is for durable goods which increased $3.1 billion or 0.8 percent to $390.4 billion; this revises the earlier reported 1.3 percent increase.

Current cost inventories at the end of December were $333.2 billion, up $1.4 billion or 0.4 percent from November. About two-thirds of the increase was in nondurables. The inventory to shipments ratio in December was 1.57 percent, down from 1.60 in November.

Total new orders for 1987 were $2,438.5 billion, 7.4 percent above 1986. Total shipments for 1987 were $2,407.3 billion, up 6.0 percent over 1986. Unfilled orders at year-end of $404.1 billion were 8.3 percent above 1986. Inventories at year-end of $333.2 billion were 4.7 percent above 1986.

New Orders

The increases in new orders for durable goods in December were widespread. The largest was in transportation equipment, up $3.0 billion or 10.3 percent to $31.6 billion; an increase in aircraft and parts of $3.8 billion was partially offset by a decline in shipbuilding and tanks of $1.1 billion.

Orders for primary metals increased $1.3 billion or 11.7 percent to $12.2 billion; both steel and nonferrous metals were up. Nonelectrical machinery increased $1.0 billion or 5.4 percent to $19.0 billion, the largest gains were in construction, mining, and material handling equipment, in farm machinery and equipment, and office and computing equipment.

The pattern of change among nondurable goods industries was mixed. The largest increases were in paper, apparel and tobacco products. The largest declines were in foods and chemicals.

Shipments

Within the durable goods sector, increases in shipments were widespread. The largest increase was in transportation equipment, up $2.2 billion or 8.3 percent to $29.4 billion, $1.8 billion of which was in aircraft and parts. Motor vehicles and parts were up $0.2 billion. Nonelectrical machinery shipments increased $1.0 billion or 5.4 percent to $19.1 billion, with the largest increases in engines and turbines and farm machinery and equipment. Primary metals shipments were up $0.7 billion or 6.5 percent to $11.3 billion.

Within the nondurable sector the pattern of change for shipments was also mixed. The largest declines were in foods, textiles and chemicals, while the largest increases were in tobacco, apparel and paper.

Unfilled Orders

Most of the $3.1 billion increase in the orders backlog in December was for aircraft and parts, up $2.7 billion or 1.8 percent to $152.3 billion. There was also a large increase in primary metals, up $0.9 billion or 4.1 percent to $22.5 billion; both steel and nonferrous metals had increases. The backlog of orders for nondurable goods declined 0.4 percent.

Inventories

Inventories of durable goods manufacturers increased $0.4 billion or 0.2 percent to $216.3 billion, following a large 1.2 percent increase in November. A large decline in inventories for defense capital goods of $0.9 billion or 2.5 percent was more than offset by widespread increases in other industry categories. Most of the increase in nondurable goods inventories of $1.0 billion or 0.9 percent came in the chemicals, paper and apparel industries.

Inventories by stage of fabrication showed materials and supplies up 0.4 percent from November and finished goods up 0.9 percent; work in process was unchanged.

SCHEDULED RELEASE DATES. The advance report on durable goods for January 1988 is scheduled for February 23, 1988, at 8:30 a.m. and the full report on March 2, 1988 at 10:00 a.m. The schedule of release dates for 1988 can be found on back page of this publication.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502 or (301) 763-2512.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the data of issue through the Census Bureau's online information service—CENDATA™. The online version of the report can be read from a terminal screen, printed on— or off—line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (1-800-334-2564) and CompuServe (1-800- 848-8199). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301-763-2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Dec. 1987P	Nov. 1987r	Oct. 1987	Dec. 1986r	Nov.-Dec.P	Oct.-Nov.r	Dec.-87/86	Dec. 1987P	Nov. 1987r	Oct. 1987	Dec. 1986	1987P	1986
	All manufacturing industries	211,695	207,226	206,396	197,474	+2.2	+0.4	+7.2	204,477	205,722	211,949	190,978	2,408,593	2,273,298
	Manufacturing industries with unfilled orders	117,794	113,970	113,293	109,260	+3.4	+0.6	+7.8	116,555	113,921	116,234	108,480	1,318,180	1,247,818
	Durable goods industries	113,282	108,378	108,251	106,394	+4.5	+0.1	+6.5	109,146	107,625	111,685	102,667	1,263,875	1,201,704
	With unfilled orders	92,412	88,339	87,825	85,660	+4.6	+0.6	+7.9	91,629	88,158	89,853	85,284	1,022,784	977,789
32	Stone, clay, and glass products	5,323	5,282	5,382	4,834	+0.8	-1.9	+10.1	4,572	5,132	5,699	4,149	60,997	56,787
33	Primary metals	11,301	10,608	10,113	8,252	+6.5	+4.9	+36.9	10,214	10,152	10,211	7,442	111,465	101,733
331	Blast furnaces, steel mills	4,865	4,741	4,510	3,392	+2.6	+5.1	+43.4	4,456	4,451	4,487	3,108	48,065	42,830
332	Iron and steel foundries	822	807	828	835	+1.9	-2.5	-1.6	677	813	880	689	9,566	10,178
333-9	Nonferrous and other primary metals	5,614	5,060	4,775	4,025	+10.9	+6.0	+39.5	5,081	4,888	4,844	3,645	53,834	48,725
34	Fabricated metal products	11,403	11,166	10,915	11,302	+2.1	+2.3	+0.9	10,374	10,928	11,449	10,255	134,177	135,974
35	Machinery, except electrical	19,080	18,103	18,546	17,650	+5.4	-2.4	+8.1	20,487	17,776	18,544	19,286	212,631	205,804
351	Engines and turbines	1,673	1,405	1,300	1,732	+19.1	+8.1	-3.4	1,607	1,370	1,216	1,675	15,077	14,770
353	Construction, mining, and material handling equipment	2,370	2,372	2,329	2,167	-0.1	+1.8	+9.4	2,299	2,392	2,349	2,109	26,242	26,589
354	Metalworking machinery	788	821	735	706	-4.0	+11.7	+11.6	846	822	834	756	9,030	8,923
357	Office and computing machines	4,607	4,514	4,933	4,956	+2.1	-8.5	-7.0	6,648	4,797	4,643	7,133	56,269	56,230
36	Electrical machinery	19,825	19,377	19,163	17,883	+2.3	+1.1	+10.9	20,689	19,928	19,413	18,684	224,482	205,613
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,223	2,329	2,364	2,161	-4.6	-1.5	+2.9	2,297	2,321	2,330	2,232	26,969	25,374
363	Household appliances	1,535	1,544	1,542	1,405	-0.6	+0.1	+9.3	1,363	1,454	1,608	1,241	18,583	17,090
365	Radio and TV	1,136	1,172	1,126	1,097	-3.1	+4.1	+3.6	1,133	1,269	1,275	1,091	13,053	12,851
366	Communication equipment	6,608	6,196	6,183	5,925	+6.6	+0.2	+11.5	7,787	6,399	5,930	6,984	74,055	69,725
367	Electronic components	4,800	4,509	4,403	3,825	+6.5	+2.4	+25.5	4,498	4,530	4,383	3,579	50,223	44,006
364,9	Other electrical machinery	3,523	3,627	3,545	3,470	-2.9	+2.3	+1.5	3,611	3,955	3,887	3,557	41,599	36,567
37	Transportation equipment	29,356	27,107	27,480	30,790	+8.3	-1.4	-4.7	26,976	27,452	28,820	28,206	323,400	314,081
371	Motor vehicles and parts	17,287	17,116	17,491	18,519	+1.0	-2.1	-6.7	14,384	17,425	18,749	15,424	201,199	194,725
372,6	Aircraft, missiles, and parts	10,218	8,438	8,211	10,477	+21.1	+2.8	-2.5	10,722	8,461	8,301	10,974	101,299	98,984
3731,95	Shipbuilding and military tank vehicles	958	749	750	1,079	+27.9	-0.1	-11.2	958	749	750	1,079	9,621	10,681
38	Instruments and related products	5,367	5,375	5,418	5,192	-0.1	-0.8	+3.4	5,570	5,389	5,485	5,382	63,250	60,860
381-4	Scientific and engineering instruments	3,582	3,585	3,645	3,449	-0.1	-1.6	+3.9	3,761	3,478	3,625	3,621	42,191	40,642
386	Photographic goods	1,602	1,618	1,595	1,541	-1.0	+1.4	+4.0	1,658	1,737	1,663	1,594	19,058	18,035
24,25, 39	All other durable goods	11,627	11,360	11,234	10,491	+2.4	+1.1	+10.8	10,264	10,868	12,064	9,263	133,473	120,852
	Nondurable goods industries	98,413	98,848	98,145	91,080	-0.4	+0.7	+8.1	95,331	98,097	100,264	88,311	1,144,718	1,071,594
	With unfilled orders	25,382	25,631	25,468	23,600	-1.0	+0.6	+7.6	24,926	25,763	26,381	23,196	295,396	270,029
20	Food and kindred products	28,319	28,646	28,713	26,855	-1.1	-0.2	+5.5	28,262	28,604	29,384	26,804	334,625	314,500
202	Dairy products	3,981	4,002	4,037	3,765	-0.5	-0.9	+5.7	3,826	3,979	3,973	3,620	47,292	42,356
208	Beverages	3,702	3,633	3,646	3,695	+1.9	-0.4	+0.2	3,313	3,420	3,727	3,298	43,404	43,853
203-6,9	All other foods	12,891	13,212	13,121	12,172	-2.4	+0.7	+5.9	13,316	13,372	13,547	12,587	151,299	142,719
21	Tobacco products	2,169	1,874	1,291	2,095	+15.7	+45.2	+3.5	2,169	1,874	1,291	2,095	18,619	18,016
22	Textile mill products	4,585	4,880	4,793	4,627	-6.0	+1.8	-0.9	4,349	4,795	5,102	4,395	56,547	54,607
221-4,6, 8,9	Broadwoven fabrics	2,764	3,044	2,984	2,829	-9.2	+2.0	-2.3	2,772	2,924	3,071	2,837	34,550	33,601
26	Paper and allied products	10,669	10,451	10,408	9,276	+2.1	+0.4	+15.0	10,163	10,071	10,367	8,829	118,882	103,834
261-3,6	Pulp, paper etc	4,793	4,597	4,550	4,035	+4.3	+1.0	+18.8	4,707	4,495	4,449	3,956	51,547	43,990
265	Paperboard containers	2,320	2,248	2,206	1,977	+3.2	+1.9	+17.3	2,107	2,145	2,290	1,792	25,674	22,414
264	All other paper products	3,556	3,606	3,652	3,264	-1.4	-1.3	+8.9	3,349	3,431	3,628	3,081	41,661	37,430
28	Chemicals and allied products	18,571	18,850	18,519	16,785	-1.5	+1.8	+10.6	18,214	17,687	17,903	16,483	214,635	198,348
281,6	Industrial chemicals, except pigments	5,351	5,283	5,550	4,753	+1.3	-4.8	+12.6	5,281	5,145	5,356	4,684	62,704	56,492
283,4	Drugs, soaps, and toiletries	6,166	6,207	6,143	5,950	-0.7	+1.0	+3.6	6,295	5,848	6,043	6,079	72,512	69,164
282,9	Other chemical products	4,488	4,630	4,456	3,907	-3.1	+3.9	+14.9	4,376	4,502	4,426	3,807	51,815	46,132
29	Petroleum and coal products	10,916	11,099	11,312	9,853	-1.6	-1.9	+10.8	10,736	11,068	11,393	9,688	129,743	129,320
30	Rubber and plastics products	6,865	6,826	6,745	6,158	+0.6	+1.2	+11.5	6,193	6,827	7,179	5,563	78,878	72,170
23,27, 31	All other nondurable goods	16,319	16,222	16,364	15,431	+0.6	-0.9	+5.8	15,245	17,171	17,645	14,454	192,789	180,799
	Market categories:													
	Home goods and apparel	13,915	13,677	13,732	13,089	+1.7	-0.4	+6.3	11,746	14,101	15,089	11,048	162,871	153,075
	Consumer staples	40,651	40,859	40,403	38,819	-0.5	+1.1	+4.7	40,867	40,970	41,186	39,040	475,800	447,890
	Equipment and defense products, except automotive	35,092	32,282	32,797	33,097	+8.7	-1.6	+6.0	38,548	32,203	32,744	36,620	385,359	372,198
	Automotive equipment	19,164	19,053	19,661	20,236	+0.6	-3.1	-5.3	16,089	19,324	21,041	16,979	225,453	217,223
	Construction materials, supplies and intermediate products	16,880	16,600	16,187	15,216	+1.7	+2.6	+10.9	14,681	15,858	17,119	13,269	192,841	179,596
	Other materials, supplies, and intermediate products	85,993	84,755	83,616	77,017	+1.5	+1.4	+11.7	82,546	83,266	84,770	74,022	966,269	903,316
	Supplementary series:[2]													
	Capital goods industries	40,700	37,862	38,129	39,214	+7.5	-0.7	+3.8	44,430	38,326	38,149	42,954	446,994	428,686
	Nondefense	30,471	28,622	28,995	28,687	+6.5	-1.3	+6.2	33,329	28,916	29,034	31,626	337,027	321,761
	Defense	10,229	9,240	9,134	10,527	+10.7	+1.2	-2.8	11,101	9,410	9,115	11,328	109,967	106,925
	Household durable goods industries	6,547	6,566	6,428	6,185	-0.3	+2.1	+5.9	5,915	6,612	7,009	5,571	76,121	71,541

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Dec. 1987p	Nov. 1987r	Oct. 1987	Dec. 1986r	Nov.-Dec.p	Oct.-Nov.r	Dec.-87/86	Dec. 1987p	Nov. 1987r	Oct. 1987	Dec. 1986	1987p	1986
	All manufacturing industries	214,769	209,626	209,399	196,894	+2.5	+0.1	+9.1	209,267	209,404	213,019	192,786	2,439,238	2,273,781
	Manufacturing industries with unfilled orders	120,868	116,370	116,296	108,680	+3.9	+0.1	+11.2	121,345	117,603	117,304	110,288	1,348,825	1,248,301
	Durable goods industries	116,409	110,949	111,095	105,681	+4.9	-0.1	+10.2	114,017	111,659	112,797	104,345	1,292,063	1,201,566
	With unfilled orders	95,539	90,910	90,669	84,947	+5.1	+0.3	+12.5	96,500	92,192	90,965	86,962	1,050,972	977,651
32	Stone, clay, and glass products	5,248	5,301	5,357	4,742	-1.0	-1.0	+10.7	4,507	5,144	5,612	4,090	61,031	56,669
33	Primary metals	12,182	10,903	10,437	9,109	+11.7	+4.5	+33.7	11,627	10,463	10,257	8,590	116,497	102,155
331	Blast furnaces, steel mills	5,456	5,053	4,278	3,987	+8.0	+18.1	+36.8	5,421	4,873	4,205	3,912	51,123	43,560
332	Iron and steel foundries	850	905	816	903	-6.1	+10.9	-5.9	637	905	874	726	9,800	10,492
333-9	Nonferrous and other primary metals	5,876	4,945	5,343	4,219	+18.8	-7.4	+39.3	5,569	4,685	5,178	3,952	55,574	48,103
34	Fabricated metal products	11,474	11,290	11,077	11,582	+1.6	+1.9	-0.9	10,567	10,998	11,307	10,643	134,912	134,969
35	Machinery, except electrical	19,000	18,024	18,953	16,371	+5.4	-4.9	+16.1	19,817	17,917	18,794	17,554	215,123	199,601
351	Engines and turbines	1,206	1,376	1,397	516	-12.4	-1.5	+133.7	1,068	1,357	1,389	400	15,257	12,884
353	Construction, mining, and material handling equipment	2,740	2,361	2,397	2,140	+16.1	-1.5	+28.0	2,731	2,432	2,424	2,130	26,904	25,261
354	Metalworking machinery	818	792	708	663	+3.3	+11.9	+23.4	756	775	718	578	8,916	8,390
357	Office and computing machines	4,530	4,309	5,059	4,883	+5.1	-14.8	-7.2	6,088	4,762	4,651	6,769	56,085	54,322
36	Electrical machinery	20,120	20,288	19,999	18,662	-0.8	+1.4	+7.8	20,897	20,134	19,904	19,602	226,795	207,800
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,117	2,310	2,447	2,083	-8.4	-5.6	+1.6	2,171	2,286	2,392	2,134	27,108	24,934
363	Household appliances	1,578	1,525	1,528	1,362	+3.5	-0.2	+15.9	1,395	1,439	1,568	1,201	18,525	17,009
365	Radio and TV	1,062	1,173	1,106	1,017	-9.5	+6.1	+4.4	1,059	1,270	1,255	1,011	13,047	12,779
366	Communication equipment	6,859	6,727	6,656	6,159	+2.0	+1.1	+11.4	7,952	6,497	6,258	7,424	74,375	73,222
367	Electronic components	4,903	4,905	4,706	4,685	0.0	+4.2	+4.7	4,657	4,693	4,547	4,413	51,985	43,166
364,9	Other electrical machinery	3,601	3,648	3,556	3,356	-1.3	+2.6	+7.3	3,663	3,949	3,884	3,419	41,755	36,690
37	Transportation equipment	31,558	28,603	28,573	29,620	+10.3	+0.1	+6.5	31,148	31,099	29,497	29,483	339,296	318,641
372,6	Aircraft, missiles, and parts	12,879	9,094	9,784	9,558	+41.6	-7.1	+34.7	15,491	10,990	9,580	12,686	115,833	104,539
3731,95	Shipbuilding and military tank vehicles	460	1,547	421	895	-70.3	+267.5	-48.6	275	1,884	280	704	10,643	10,068
38	Instruments and related products	5,360	5,437	5,225	5,093	-1.4	+4.1	+5.2	5,572	5,400	5,243	5,292	63,978	60,563
381-4	Scientific and engineering instruments	3,624	3,726	3,530	3,392	-2.7	+5.6	+6.8	3,803	3,619	3,510	3,564	42,816	40,460
24,25, 39	All other durable goods	11,467	11,103	11,474	10,502	+3.3	-3.2	+9.2	9,882	10,504	12,183	9,091	134,431	121,168
	Nondurable goods industries	98,360	98,677	98,304	91,213	-0.3	+0.4	+7.8	95,250	97,745	100,222	88,441	1,147,175	1,072,215
	With unfilled orders	25,329	25,460	25,627	23,733	-0.5	-0.7	+6.7	24,845	25,411	26,339	23,326	297,853	270,650
	Market categories:													
	Home goods and apparel	13,694	13,500	13,776	12,782	+1.4	-2.0	+7.1	11,430	13,802	14,969	10,720	163,696	153,144
	Consumer staples	40,698	40,888	40,365	38,855	-0.5	+1.3	+4.7	40,932	40,983	41,144	39,082	475,732	447,892
	Equipment and defense products, except automotive	35,346	34,434	33,918	32,176	+2.6	+1.5	+9.9	39,961	36,252	32,920	37,802	398,881	373,513
	Automotive equipment	19,146	19,098	19,505	20,224	+0.3	-2.1	-5.3	16,118	19,310	20,904	16,974	225,575	216,996
	Construction materials, supplies and intermediate products	17,152	16,799	16,247	15,453	+2.1	+3.4	+11.0	14,841	16,001	16,936	13,395	193,000	179,223
	Other materials, supplies, and intermediate products	88,733	84,907	85,588	77,404	+4.5	-0.8	+14.6	85,985	83,056	86,146	74,813	982,354	903,013
	Supplementary series:[2]													
	Capital goods industries	43,001	39,824	40,417	36,880	+8.0	-1.5	+16.6	47,905	42,262	39,670	42,750	466,431	430,187
	Nondefense	33,559	30,085	30,416	29,142	+11.5	-1.1	+15.2	35,754	30,576	30,268	31,565	355,488	320,057
	Defense	9,442	9,739	10,001	7,738	-3.0	-2.6	+22.0	12,151	11,686	9,402	11,185	110,943	110,130
	Household durable goods industries	6,349	6,361	6,400	5,970	-0.2	-0.6	+6.3	5,670	6,362	6,896	5,343	76,523	71,714

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[1] Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2] The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]			
		End of month				Percent change			End of month			
		Dec. 1987p	Nov. 1987r	Oct. 1987	Dec. 1986r	Nov.-Dec.p	Oct.-Nov.r	Dec.-87/86	Dec. 1987p	Nov. 1987r	Oct. 1987	Dec. 1986
	All manufacturing industries	404,104	401,030	398,630	372,974	+0.8	+0.6	+8.3	401,055	396,265	392,583	370,410
	Durable goods industries	390,393	387,266	384,695	361,855	+0.8	+0.7	+7.9	387,724	382,853	378,819	359,536
32	Stone, clay, and glass products	2,568	2,543	2,624	2,534	-2.8	+0.7	+1.3	2,464	2,529	2,517	2,430
33	Primary metals	22,492	21,611	21,316	17,318	+4.1	+1.4	+29.9	21,759	20,346	20,035	16,727
331	Blast furnaces, steel mills	12,303	11,712	11,400	9,165	+5.0	+2.7	+34.2	11,909	10,944	10,522	8,851
332	Iron and steel foundries	2,997	2,969	2,871	2,758	+0.9	+3.4	+8.7	2,910	2,950	2,858	2,676
333-9	Nonferrous and other primary metals	7,192	6,930	7,045	5,395	+3.8	-1.6	+33.3	6,940	6,452	6,655	5,200
34	Fabricated metal products	19,615	19,544	19,420	18,893	+0.4	+0.6	+3.8	19,432	19,239	19,169	18,697
35	Machinery, except electrical	57,740	57,820	57,899	55,296	-0.1	-0.1	+4.4	57,050	57,720	57,579	54,558
351	Engines and turbines	14,560	15,027	15,056	14,395	-3.1	-0.2	+1.1	14,685	15,224	15,237	14,505
353	Construction, mining, and material handling equipment	4,938	4,568	4,579	4,300	+8.1	-0.2	+14.8	4,997	4,565	4,525	4,335
354	Metalworking machinery	3,032	3,002	3,031	3,147	+1.0	-1.0	-3.7	2,941	3,031	3,078	3,055
357	Office and computing machines	19,039	19,116	19,321	19,229	-0.4	-1.1	-1.0	18,449	19,009	19,044	18,633
36	Electrical machinery	96,237	95,942	95,031	93,844	+0.3	+1.0	+2.5	94,883	94,675	94,469	92,570
361,2	Electrical transmission and distribution equipment and industrial apparatus	5,527	5,633	5,652	5,394	-1.9	-0.3	+2.5	5,467	5,593	5,628	5,328
363	Household appliances	227	184	203	290	+23.4	-9.4	-21.7	205	173	188	263
365	Radio and TV	357	431	430	363	-17.2	+0.2	-1.7	357	431	430	363
366	Communication equipment	70,391	70,140	69,609	70,029	+0.4	+0.8	+0.5	69,606	69,441	69,343	69,286
367	Electronic components	17,857	17,754	17,358	16,051	+0.6	+2.3	+11.3	17,393	17,234	17,071	15,631
364,9	Other electrical machinery	1,878	1,800	1,779	1,717	+4.3	+1.2	+9.4	1,855	1,803	1,809	1,699
37	Transportation equipment	177,006	174,804	173,308	160,965	+1.3	+0.9	+10.0	177,685	173,513	169,866	161,789
372,6	Aircraft, missiles, and parts	152,297	149,636	148,980	137,671	+1.8	+0.4	+10.6	153,260	148,491	145,962	138,726
3731,95	Shipbuilding and military tank vehicles	18,514	19,012	18,214	17,462	-2.6	+4.4	+6.0	18,368	19,051	17,916	17,346
38	Instruments and related products	8,950	8,957	8,895	8,215	-0.1	+0.7	+8.9	8,903	8,901	8,890	8,175
381-4	Scientific and engineering instruments	8,029	7,987	7,846	7,404	+0.5	+1.8	+8.4	8,029	7,987	7,846	7,404
24,25, 39	All other durable goods	5,785	5,945	6,202	4,790	-2.7	-4.1	+20.8	5,548	5,930	6,294	4,590
	Nondurable goods industries	13,711	13,764	13,935	11,119	-0.4	-1.2	+23.3	13,331	13,412	13,764	10,874
	Market categories:											
	Home goods and apparel	4,451	4,672	4,849	3,511	-4.7	-3.7	+26.8	4,157	4,473	4,772	3,332
	Consumer staples	698	651	622	770	+7.2	+4.7	-9.4	695	630	617	763
	Equipment and defense products, except automotive	252,458	252,204	250,052	238,796	+0.1	+0.9	+5.7	251,509	250,096	246,047	237,987
	Automotive equipment	5,764	5,782	5,737	5,619	-0.3	+0.8	+2.6	5,626	5,597	5,611	5,504
	Construction materials, supplies and intermediate products	10,585	10,313	10,114	10,432	+2.6	+2.0	+1.5	10,247	10,087	9,944	10,088
	Other materials, supplies, and intermediate products	130,148	127,408	127,256	113,846	+2.2	+0.1	+14.3	128,821	125,382	125,592	112,736
	Supplementary series:[2]											
	Capital goods industries	309,472	307,171	305,209	289,918	+0.7	+0.6	+6.7	308,751	305,276	301,340	289,314
	Nondefense	146,234	143,146	141,683	127,820	+2.2	+1.0	+14.4	145,481	143,056	141,396	127,020
	Defense	163,238	164,025	163,526	162,098	-0.5	+0.3	+0.7	163,270	162,220	159,944	162,294
	Household durable goods industries	3,479	3,677	3,882	3,069	-5.4	-5.3	+13.4	3,362	3,607	3,857	2,960

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]			
		End of month				Percent change			End of month			
		Dec. 1987[p]	Nov. 1987[r]	Oct. 1987	Dec. 1986[r]	Nov.-Dec.[p]	Oct.-Nov.[r]	Dec.-87/86	Dec. 1987[p]	Nov. 1987[r]	Oct. 1987	Dec. 1986
	All manufacturing industries	333,221	331,812	328,554	318,238	+0.4	+1.0	+4.7	328,342	330,713	328,414	313,697
	Manufacturing industries with unfilled orders	226,033	225,417	222,852	216,686	+0.3	+1.2	+4.3	221,220	223,909	222,695	212,166
	Durable goods industries	216,348	215,931	213,436	207,854	+0.2	+1.2	+4.1	212,294	214,613	213,166	204,025
	With unfilled orders	198,353	198,103	195,856	191,158	+0.1	+1.1	+3.8	194,263	197,081	196,065	187,305
32	Stone, clay, and glass products	7,175	7,135	7,096	6,978	+0.6	+0.5	+2.8	7,046	6,909	6,853	6,858
33	Primary metals	17,387	17,249	16,940	17,211	+0.8	+1.8	+1.0	17,236	17,231	16,911	17,059
331	Blast furnaces, steel mills	7,972	7,849	7,715	7,786	+1.6	+1.7	+2.4	7,956	7,992	7,834	7,772
332	Iron and steel foundries	1,261	1,255	1,217	1,120	+0.5	+3.1	+12.6	1,224	1,203	1,178	1,087
333-9	Nonferrous and other primary metals	8,154	8,145	8,008	8,305	+0.1	+1.7	-1.8	8,056	8,036	7,899	8,200
34	Fabricated metal products	21,995	21,971	21,927	21,175	+0.1	+0.2	+3.9	21,686	21,631	21,630	20,883
35	Machinery, except electrical	41,634	41,191	40,944	41,518	+1.1	+0.6	+0.3	40,965	41,136	40,835	40,821
351	Engines and turbines	2,855	2,820	2,832	2,848	+1.2	-0.4	+0.2	2,675	2,882	2,903	2,664
353	Construction, mining, and material handling equipment	6,543	6,401	6,411	6,788	+2.2	-0.2	-3.6	6,543	6,433	6,398	6,782
354	Metalworking machinery	2,913	2,953	2,973	2,968	-1.4	-0.7	-1.9	2,811	2,938	2,948	2,866
357	Office and computing machines	9,994	9,812	9,601	9,869	+1.9	+2.2	+1.3	9,744	9,767	9,680	9,620
36	Electrical machinery	39,521	40,190	39,788	38,878	-1.7	+1.0	+1.7	38,754	39,716	39,686	38,134
361,2	Electrical transmission and distribution equipment and industrial apparatus	4,888	4,804	4,792	4,852	+1.7	+0.3	+0.7	4,770	4,761	4,784	4,735
363	Household appliances	2,876	2,837	2,799	2,724	+1.4	+1.4	+5.6	2,695	2,641	2,654	2,555
365	Radio and TV	1,668	1,622	1,638	1,676	+2.8	-1.0	-0.5	1,570	1,562	1,643	1,583
366	Communication equipment	16,119	17,004	16,768	16,262	-5.2	+1.4	-0.9	15,972	16,982	16,813	16,116
367	Electronic components	8,276	8,269	8,177	7,752	+0.1	+1.1	+6.8	8,218	8,179	8,175	7,699
364,9	Other electrical machinery	5,694	5,654	5,614	5,612	+0.7	+0.7	+1.5	5,529	5,591	5,617	5,446
37	Transportation equipment	58,049	57,889	56,790	52,786	+0.3	+1.9	+10.0	56,512	58,248	57,553	51,456
371	Motor vehicles and parts	11,412	11,459	11,267	11,090	-0.4	+1.7	+2.9	11,466	11,598	11,393	11,147
372,6	Aircraft, missiles, and parts	42,860	42,397	41,514	38,255	+1.1	+2.1	+12.0	41,230	42,540	42,143	36,832
3731,95	Shipbuilding and military tank vehicles	2,094	2,216	2,192	1,911	-5.5	+1.1	+9.6	2,048	2,252	2,227	1,866
38	Instruments and related products	12,772	12,619	12,560	12,585	+1.2	+0.5	+1.5	12,422	12,527	12,568	12,242
381-4	Scientific and engineering instruments	9,183	9,048	9,006	9,135	+1.5	+0.5	+0.5	9,018	9,069	9,022	8,970
386	Photographic goods	2,945	2,911	2,881	2,862	+1.2	+1.0	+2.9	2,792	2,835	2,898	2,712
24,25, 39	All other durable goods	17,815	17,687	17,391	16,723	+0.7	+1.7	+6.5	17,673	17,215	17,130	16,572
	Nondurable goods industries	116,873	115,881	115,118	110,384	+0.9	+0.7	+5.9	116,048	116,100	115,248	109,672
	With unfilled orders	27,680	27,314	26,996	25,528	+1.3	+1.2	+8.4	26,957	26,828	26,630	24,861
20	Food and kindred products	24,707	24,691	24,522	23,645	+0.1	+0.7	+4.5	25,110	25,797	25,629	24,026
202	Dairy products	2,395	2,388	2,331	1,993	+0.3	+2.4	+20.2	2,318	2,346	2,321	1,929
208	Beverages	4,425	4,525	4,475	4,717	-2.2	+1.1	-6.2	4,394	4,403	4,381	4,686
203-6,9	All other foods	14,298	14,179	14,230	13,914	+0.8	-0.4	+2.8	14,727	15,173	15,421	14,332
21	Tobacco products	5,544	5,600	5,627	5,585	-1.0	-0.5	-0.7	5,888	5,668	5,718	5,923
22	Textile mill products	6,937	6,930	6,931	6,560	+0.1	0.0	+5.7	6,747	6,753	6,769	6,385
221-4,6, 8,9	Broadwoven fabrics	3,890	3,883	3,838	3,728	+0.2	+1.2	+4.3	3,816	3,816	3,755	3,657
26	Paper and allied products	11,282	10,995	10,953	10,480	+2.6	+0.4	+7.7	11,171	10,868	10,760	10,380
261-3,6	Pulp, paper etc.	4,289	4,155	4,110	4,107	+3.2	+1.1	+4.4	4,289	4,084	4,033	4,105
265	Paperboard containers	2,823	2,860	2,849	2,589	-1.3	+0.4	+9.0	2,809	2,791	2,778	2,577
264	All other paper products	4,170	3,980	3,994	3,784	+4.8	-0.4	+10.2	4,073	3,993	3,949	3,698
28	Chemicals and allied products	27,708	27,321	27,166	26,983	+1.4	+0.6	+2.7	27,672	27,377	27,014	26,976
281,6	Industrial chemicals, except pigments	8,242	8,126	7,966	8,233	+1.4	+2.0	+0.1	8,242	8,126	7,966	8,233
283,4	Drugs, soaps, and toiletries	9,207	9,019	8,876	8,566	+2.1	+1.6	+7.5	9,004	9,048	8,856	8,376
282,9	Other chemical products	6,627	6,552	6,508	6,392	+1.1	+0.7	+3.7	6,673	6,412	6,397	6,432
29	Petroleum and coal products	10,629	10,732	10,752	9,907	-1.0	-0.2	+7.3	10,516	11,222	10,917	9,789
30	Rubber and plastics products	9,196	9,121	9,100	8,586	+0.8	+0.2	+7.1	9,063	8,834	8,796	8,456
23,27, 31	All other nondurable goods	20,870	20,491	20,067	18,638	+1.8	+2.1	+12.0	19,881	19,581	19,645	17,737
	Market categories:											
	Home goods and apparel	27,048	26,628	26,421	24,960	+1.6	+0.8	+8.4	25,999	25,306	25,709	23,993
	Consumer staples	42,693	42,476	42,128	41,127	+0.5	+0.8	+3.8	42,926	43,320	43,219	41,385
	Equipment and defense products, except automotive	95,095	95,108	94,148	91,990	0.0	+1.0	+3.4	93,326	95,272	94,535	90,286
	Automotive equipment	13,825	13,919	13,698	13,393	-0.7	+1.6	+3.2	13,912	14,018	13,720	13,480
	Construction materials, supplies and intermediate products	24,147	23,989	23,689	22,658	+0.7	+1.3	+6.6	23,894	23,478	23,205	22,399
	Other materials, supplies, and intermediate products	130,413	129,692	128,470	124,110	+0.6	+1.0	+5.1	128,285	129,319	128,026	122,154
	Supplementary series:[2]											
	Capital goods industries	110,504	110,672	109,229	105,726	-0.2	+1.3	+4.5	107,659	110,703	109,895	103,075
	Nondefense	73,823	73,063	72,361	71,721	+1.0	+1.0	+2.9	72,193	73,328	72,834	70,140
	Defense	36,681	37,609	36,868	34,005	-2.5	+2.0	+7.9	35,466	37,375	37,061	32,935
	Household durable goods industries	13,437	13,370	13,321	12,944	+0.5	+0.4	+3.8	12,951	12,806	13,054	12,484

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]			
		End of month				Percent change			End of month			
		Dec. 1987[p]	Nov. 1987[r]	Oct. 1987	Dec. 1986[r]	Nov.-Dec.[p]	Oct.-Nov.[r]	Dec.-87/86	Dec. 1987[p]	Nov. 1987[r]	Oct. 1987	Dec. 1986
	MATERIALS AND SUPPLIES											
	All manufacturing industries	105,884	105,451	104,696	102,357	+0.4	+0.7	+3.4	106,625	104,941	104,545	102,981
	Durable goods industries	60,249	60,031	59,587	59,371	+0.4	+0.7	+1.5	60,518	59,941	59,769	59,502
32	Stone, clay, and glass products	2,278	2,209	2,177	2,200	+3.1	+1.5	+3.5	2,281	2,203	2,183	2,212
33	Primary metals	5,351	5,238	5,139	5,557	+2.2	+1.9	-3.7	5,567	5,451	5,308	5,775
34	Fabricated metal products	7,701	7,396	7,411	7,314	+4.1	-0.2	+5.3	7,722	7,286	7,351	7,334
35	Machinery, except electrical	11,876	12,050	11,900	11,554	-1.4	+1.3	+2.8	11,905	12,019	11,887	11,598
36	Electrical machinery	10,378	10,371	10,413	10,082	+0.1	-0.4	+2.9	10,395	10,140	10,277	10,103
37	Transportation equipment	11,807	11,939	11,890	12,318	-1.1	+0.4	-4.1	11,703	11,956	11,953	12,068
38	Instruments and related products	4,234	4,287	4,232	4,033	-1.2	+1.3	+5.0	4,185	4,263	4,240	3,967
24,25, 39	All other durable goods	6,624	6,541	6,425	6,313	+1.3	+1.8	+4.9	6,760	6,623	6,570	6,445
	Nondurable goods industries	45,635	45,420	45,109	42,986	+0.5	+0.7	+6.2	46,107	45,000	44,776	43,479
20	Food and kindred products	9,344	9,401	9,260	8,738	-0.6	+1.5	+6.9	9,639	9,632	9,350	9,018
21	Tobacco products	4,421	4,538	4,547	4,711	-2.6	-0.2	-6.2	4,904	4,515	4,525	5,167
22	Textile mill products	1,969	1,989	1,952	1,812	-1.0	+1.9	+8.7	1,919	1,877	1,865	1,768
26	Paper and allied products	6,022	5,818	5,832	5,394	+3.5	-0.2	+11.6	6,020	5,754	5,763	5,399
28	Chemicals and allied products	9,254	9,121	9,087	9,102	+1.5	+0.4	+1.7	9,190	9,006	9,036	9,064
29	Petroleum and coal products	3,199	3,219	3,229	3,081	-0.6	-0.3	+3.8	3,206	3,283	3,231	3,084
30	Rubber and plastics products	3,489	3,538	3,544	3,161	-1.4	-0.2	+10.4	3,599	3,447	3,451	3,258
23,27, 31	All other nondurable goods	7,937	7,796	7,658	6,987	+1.8	+1.8	+13.6	7,630	7,486	7,555	6,721
	WORK IN PROCESS											
	All manufacturing industries	119,592	119,560	117,944	112,648	0.0	+1.4	+6.2	116,205	119,711	118,842	109,708
	Durable goods industries	100,799	100,824	99,390	95,310	0.0	+1.4	+5.8	97,891	100,946	100,300	92,804
32	Stone, clay, and glass products	1,066	1,058	1,053	1,003	+0.8	+0.5	+6.3	1,036	1,014	1,025	975
33	Primary metals	6,984	6,899	6,691	6,649	+1.2	+3.1	+5.0	6,786	6,746	6,677	6,447
34	Fabricated metal products	7,790	7,847	7,796	7,399	-0.7	+0.7	+5.3	7,500	7,817	7,787	7,126
35	Machinery, except electrical	16,618	16,601	16,692	17,111	+0.1	-0.5	-2.9	16,243	16,609	16,757	16,703
36	Electrical machinery	19,992	20,702	20,415	20,174	-3.4	+1.4	-0.9	19,543	20,799	20,637	19,722
37	Transportation equipment	39,858	39,407	38,459	34,548	+1.1	+2.5	+15.4	38,481	39,740	39,125	33,589
38	Instruments and related products	4,802	4,696	4,719	4,893	+2.3	-0.5	-1.9	4,637	4,670	4,734	4,741
24,25, 39	All other durable goods	3,689	3,614	3,565	3,533	+2.1	+1.4	+4.4	3,665	3,551	3,558	3,501
	Nondurable goods industries	18,793	18,736	18,554	17,338	+0.3	+1.0	+8.4	18,314	18,765	18,542	16,904
20	Food and kindred products	2,452	2,482	2,501	2,425	-1.2	-0.8	+1.1	2,436	2,503	2,513	2,417
21	Tobacco products	234	241	238	167	-2.9	+1.3	+40.1	237	243	240	168
22	Textile mill products	2,117	2,107	2,118	1,934	+0.5	-0.5	+9.5	2,097	2,117	2,119	1,918
26	Paper and allied products	1,254	1,220	1,230	1,204	+2.8	-0.8	+4.2	1,243	1,239	1,238	1,194
28	Chemicals and allied products	4,071	4,046	3,958	4,053	+0.6	+2.2	+0.4	3,869	4,084	4,007	3,862
29	Petroleum and coal products	2,401	2,556	2,523	1,942	-6.1	+1.3	+23.6	2,406	2,606	2,524	1,945
30	Rubber and plastics products	1,467	1,364	1,361	1,458	+7.6	+0.2	+0.6	1,469	1,370	1,365	1,460
23,27, 31	All other nondurable goods	4,797	4,720	4,625	4,155	+1.6	+2.1	+15.5	4,557	4,603	4,536	3,940
	FINISHED GOODS											
	All manufacturing industries	107,745	106,801	105,914	103,233	+0.9	+0.8	+4.4	105,512	106,061	105,027	101,008
	Durable goods industries	55,300	55,076	54,459	53,173	+0.4	+1.1	+4.0	53,885	53,726	53,097	51,719
32	Stone, clay, and glass products	3,831	3,868	3,866	3,775	-1.0	+0.1	+1.5	3,729	3,692	3,645	3,671
33	Primary metals	5,052	5,112	5,110	5,005	-1.2	0.0	+0.9	4,883	5,034	4,926	4,837
34	Fabricated metal products	6,504	6,728	6,720	6,462	-3.3	+0.1	+0.6	6,464	6,528	6,492	6,423
35	Machinery, except electrical	13,140	12,540	12,352	12,853	+4.8	+1.5	+2.2	12,817	12,508	12,191	12,520
36	Electrical machinery	9,151	9,117	8,960	8,622	+0.4	+1.8	+6.1	8,816	8,777	8,772	8,309
37	Transportation equipment	6,384	6,543	6,441	5,920	-2.4	+1.6	+7.8	6,328	6,552	6,475	5,799
38	Instruments and related products	3,736	3,636	3,609	3,659	+2.8	+0.7	+2.1	3,600	3,594	3,594	3,534
24,25, 39	All other durable goods	7,502	7,532	7,401	6,877	-0.4	+1.8	+9.1	7,248	7,041	7,002	6,626
	Nondurable goods industries	52,445	51,725	51,455	50,060	+1.4	+0.5	+4.8	51,627	52,335	51,930	49,289
20	Food and kindred products	12,911	12,808	12,761	12,482	+0.8	+0.4	+3.4	13,035	13,662	13,766	12,591
21	Tobacco products	889	821	842	707	+8.3	-2.5	+25.7	747	910	953	588
22	Textile mill products	2,851	2,834	2,861	2,814	+0.6	-0.9	+1.3	2,731	2,759	2,785	2,699
26	Paper and allied products	4,006	3,957	3,891	3,882	+1.2	+1.7	+3.2	3,908	3,875	3,759	3,787
28	Chemicals and allied products	14,383	14,154	14,121	13,828	+1.6	+0.2	+4.0	14,613	14,287	13,971	14,050
29	Petroleum and coal products	5,029	4,957	5,000	4,884	+1.5	-0.9	+3.0	4,904	5,333	5,162	4,760
30	Rubber and plastics products	4,240	4,219	4,195	3,967	+0.5	+0.6	+6.9	3,995	4,017	3,980	3,738
23,27, 31	All other nondurable goods	8,136	7,975	7,784	7,496	+2.0	+2.5	+8.5	7,694	7,492	7,554	7,076

[p]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Dec. 1987[p]	Nov. 1987[r]	Oct. 1987	Dec. 1986[r]	Dec. 1987[p]	Nov. 1987[r]	Oct. 1987	Dec. 1986[r]
	All manufacturing industries	1.57	1.60	1.59	1.61	3.43	3.52	3.52	3.41
	Durable goods industries	1.91	1.99	1.97	1.95	4.22	4.38	4.38	4.22
32	Stone, clay, and glass products	1.35	1.35	1.32	1.44	0.53	0.54	0.53	0.58
33	Primary metals	1.54	1.63	1.68	2.09	1.99	2.04	2.11	2.10
34	Fabricated metal products	1.93	1.97	2.01	1.87	1.90	1.94	1.97	1.84
35	Machinery, except electrical	2.18	2.28	2.21	2.35	3.24	3.36	3.29	3.31
36	Electrical machinery	1.99	2.07	2.08	2.17	4.85	4.95	4.96	5.25
37	Transportation equipment	1.98	2.14	2.07	1.71	10.17	11.32	11.28	8.98
38	Instruments and related products	2.38	2.35	2.32	2.42	1.67	1.67	1.64	1.58
	Nondurable goods industries	1.19	1.17	1.17	1.21	0.54	0.54	0.55	0.47
20	Food and kindred products	0.87	0.86	0.85	0.88	(X)	(X)	(X)	(X)
21	Tobacco products	2.56	2.99	4.36	2.67	(X)	(X)	(X)	(X)
22	Textile mill products	1.51	1.42	1.45	1.42	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.06	1.05	1.05	1.13	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.49	1.45	1.47	1.61	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.97	0.97	0.95	1.01	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.34	1.34	1.35	1.39	(X)	(X)	(X)	(X)

[p]Preliminary. [r]Revised. (X) Not applicable. (NA) Not available.

[1]Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Dec. 1986	All Decs. 1982-1986	Dec. 1986-Nov. 1987	Year ago Dec. 1986	All Decs. 1982-1986	Dec. 1986-Nov. 1987	Year ago Dec. 1986	All Decs. 1982-1986	Dec. 1986-Nov. 1987	Year ago Dec. 1986	All Decs. 1982-1986	Dec. 1986-Nov. 1987
	All manufacturing industries	0.5	0.6	0.2	0.4	0.6	0.4	0.0	0.3	0.1	0.1	0.2	0.1
	Durable goods industries	0.7	0.9	0.3	0.6	1.3	0.5	0.1	0.4	0.1	0.0	0.2	0.2
32	Stone, clay, and glass products	4.6	1.5	1.2	5.1	2.0	1.0	0.9	2.0	0.9	0.1	0.4	0.4
33	Primary metals	0.4	1.3	0.7	0.5	2.4	1.0	0.5	0.6	0.4	1.2	0.8	0.2
34	Fabricated metal products	0.8	0.8	0.6	0.4	0.6	1.0	0.3	0.3	0.5	0.5	0.9	0.2
35	Machinery, except electrical	1.8	1.4	1.0	1.4	3.9	1.2	0.1	0.8	0.2	0.5	0.2	0.2
36	Electrical machinery	0.2	2.8	0.3	0.8	2.0	0.7	0.2	0.5	0.1	0.2	0.6	0.1
37	Transportation equipment	0.0	1.2	0.1	0.4	2.2	0.4	0.1	0.3	0.1	0.1	0.3	0.1
38	Instruments and related products	2.0	1.6	1.1	3.2	1.2	1.1	0.6	0.6	0.4	0.2	0.5	0.1
	Nondurable goods industries	0.1	0.3	0.3	0.1	0.3	0.3	0.1	0.6	0.3	0.3	0.5	0.2
20	Food and kindred products	0.1	0.5	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.6	0.3
21	Tobacco products	0.0	0.6	0.1	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.1	0.3
22	Textile mill products	0.4	1.5	0.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.8	0.8	0.5
26	Paper and allied products	0.6	0.9	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.3	0.6	0.4
28	Chemicals and allied product	1.4	1.1	0.4	(X)	(X)	(X)	(X)	(X)	(X)	0.5	0.3	0.2
29	Petroleum and coal products	0.2	0.9	1.0	(X)	(X)	(X)	(X)	(X)	(X)	1.7	1.2	0.6
30	Rubber and plastics products	0.7	1.2	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.1	1.1	0.4
	Capital goods industries:												
	Nondefense	0.5	1.9	0.7	0.2	1.5	0.9	0.2	0.3	0.1	0.1	0.4	0.1
	Defense	0.2	1.0	0.1	0.9	9.7	0.9	0.1	0.6	0.0	0.1	0.8	0.1

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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PUBLICATION DATES FOR THE 1988 MONTHLY M3 SURVEY MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

Report Covering	Advance Report Release Dates (8:30 a.m. release time)	Regular Report Release Dates (10:00 a.m. release time)
January 1988	Tues., Feb. 23	Wed., Mar. 2
February	Tues., Mar. 22	Wed., Mar. 30
March	Fri., Apr. 22	Mon., May. 2
April	Tues., May 24	Wed., June 1
May	Wed., June 22	Thurs., June 30
June	Tues., Jul. 26	Tues., Aug. 2
July	Tues., Aug. 23	Tues., Aug. 30
August	Fri., Sept. 23	Mon., Oct. 3
September	Tues., Oct. 25	Wed., Nov. 2
October	Wed., Nov. 23	Fri., Dec. 2
November	Thurs., Dec. 22	Tues., Jan. 4, 1989
December	Thurs., Jan. 26, 1989	Fri., Feb. 3, 1989